Pan Pipes

Make your own musical instrument and play simple songs!

Kit contains:

- 5 straws of different lengths
- roll of washi tape
- song page

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INSTRUCTIONS

Step 1. Lay the straws out from longest to shortest. One end should all be even, and the other should look like stairs.

Step 2. Put tape around the straws on the side where they are all even.

Step 3. Now you're ready to play! Your pan pipes work best if you blow over the top, trying to blow in/over one at a time. If this is too hard, they will work by blowing in them as well.

You can play simple songs with your pan pipes. Music for a few songs is on the page included with your kit.

WHAT'S GOING ON?

All sound, including music, is made by vibrations. Most musical instruments have different pitches, or notes. Your pan pipe has five notes (the fancy name for it is a Pentatonic Scale) and each one is different. The pitch is different for each "pipe" because the pipes are different lengths. Shorter/smaller things vibrate with more frequency (quicker) and make a higher pitch. Longer/larger things vibrate with less frequency (slower) and make a lower pitch.

Pan pipes are one of the oldest instruments we know of. They have been used for over 5,000 years, most notably by the Ancient Greeks (which is where they take their name from the Greek God Pan), but similar instruments were found in Asia and South America also.

Information taken from: https://pan-flute.com/history.html
https://www.worldhistory.org/Panpipes/
https://www.wikihow.com/Make-Pan-Pipes

Pan Pipes are a wind instrument because you play them by blowing in them, or creating “wind” with your mouth and lungs. Some other examples of wind instruments include flutes, clarinets, trumpets and tubas.

BOOKS TO LEARN MORE

- *Wind Instruments* by Anita Ganeri
- *The Recorder and Other Wind Instruments* by Rita Storey
- *Music and How it Works: The Complete Guide for Kids* by Charlie Moreland
- *Music* by Neil Ardley
- *Sound: An Investigation* by Jack Challoner